

CLAIMS

[0019] What is claimed is:

- Sub 1
1. A twin-engine jet aircraft configuration, comprising:
    - (a) an airframe having a centerline along its longitudinal axis;
    - (b) a first jet engine mounted within a plane vertical to the centerline;
    - (c) a second jet engine mounted within said plane vertical to the centerline;
    - (d) each of said first and second jet engines having a thrust adequate to takeoff, climb, cruise and land the aircraft at full gross weight without use of the other engine;
    - (e) one of said first and second jet engines having a maximum thrust greater than the maximum thrust of the other of said first and second engines, said thrust differential created by a different power setting on one of two otherwise equally powered engines.
  2. A method of operating an aircraft comprising the steps of:
    - (a) providing a first jet engine having a thrust adequate to takeoff, climb, cruise, and land the aircraft at full gross weight, and providing a second jet engine having a thrust greater than the thrust of the first jet engine, whereby each of the first and second jet engines is a "main" engine;
    - (b) during take-off and climb, running the first jet engine and running the second jet engine;
    - (c) during ordinary operational cruise, running one of the first and second jet engines and reducing the power of the other engine.

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